



Monthly Noise & Operations Report May 2021

Prepared by:
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Environmental & Noise Analyst

Introduction:

DeKalb-Peachtree Airport (PDK) is located in a highly noise-sensitive area as it is surrounded by residential communities. Aircraft noise is noise pollution generated by an aircraft, and may occur during all phases of flight. For instance, while aircraft are on the ground, taxiing, operating auxiliary power units (APUs), and conducting run-ups may contribute noise pollution to the surrounding areas. While aircraft are in the air, noise pollution can occur underneath and to the sides of departure and arrival paths.

The primary goal of the **PDK Good Neighbor Program** is to serve as a community-based program with aims to reduce aircraft noise levels in the vicinity of the airport. Since its inception, the program has sought to increase awareness of airport operations and develop airport/community partnerships with the surrounding cities of Chamblee, Doraville, Dunwoody, Brookhaven, North Atlanta (including the Buckhead community), and others. The program is a multifaceted one that uses many approaches to convey information in a succinct manner.

The program strives to reduce overall aircraft noise disturbances by soliciting airport-user involvement. Community and airport participation, learning, and cooperation are the keys to the program's success.

This report provides a monthly summary of airport operations, noise disturbances, and impacts to the surrounding neighborhoods to airport users and the surrounding communities.

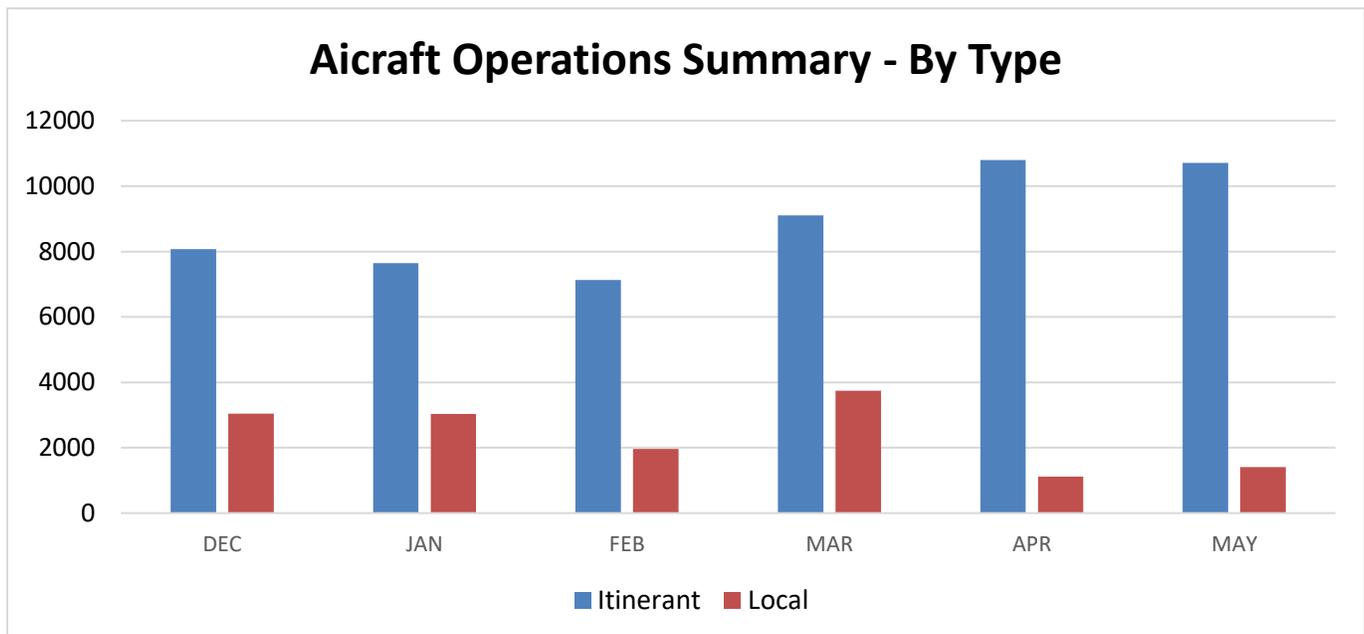
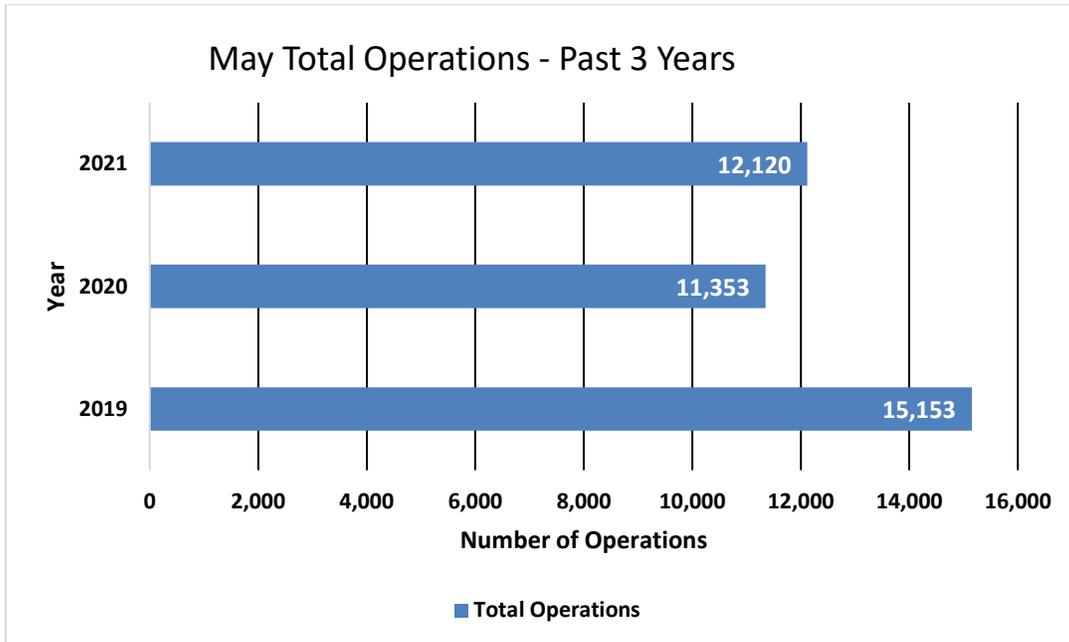
May 2021 Aircraft Operations:

	This Month	This Month, Last Year (May 2020)	% Change from May 2020	5-Year Average for Month
Total Operations	12,120	11,353	6.76%	13,287
Itinerant	10,710	7,819	36.97%	9,874
Local	1,410	3,534	-60.10%	3,412
Voluntary Curfew Ops	460	259	77.61%	369
Prior Authorization	130	(6) Noise disturbance calls associated with these flights. (5) Voluntary curfew ops were associated with these flights.		

Prior Authorization
(Section 6-93 Code)
Operation
Itinerant
Local
Voluntary Curfew Ops

Aircraft certified by the FAA with a max gross take-off weight greater than 75,000 pounds
One take-off or landing. Touch-and-go counts as two operations
Non-touch-and-go (regular operations)
Operations within 20 miles of Airport
Operations that occur between the hours of 11:00 p.m. and 6:00 a.m.

May 2021 Aircraft Operations Summary

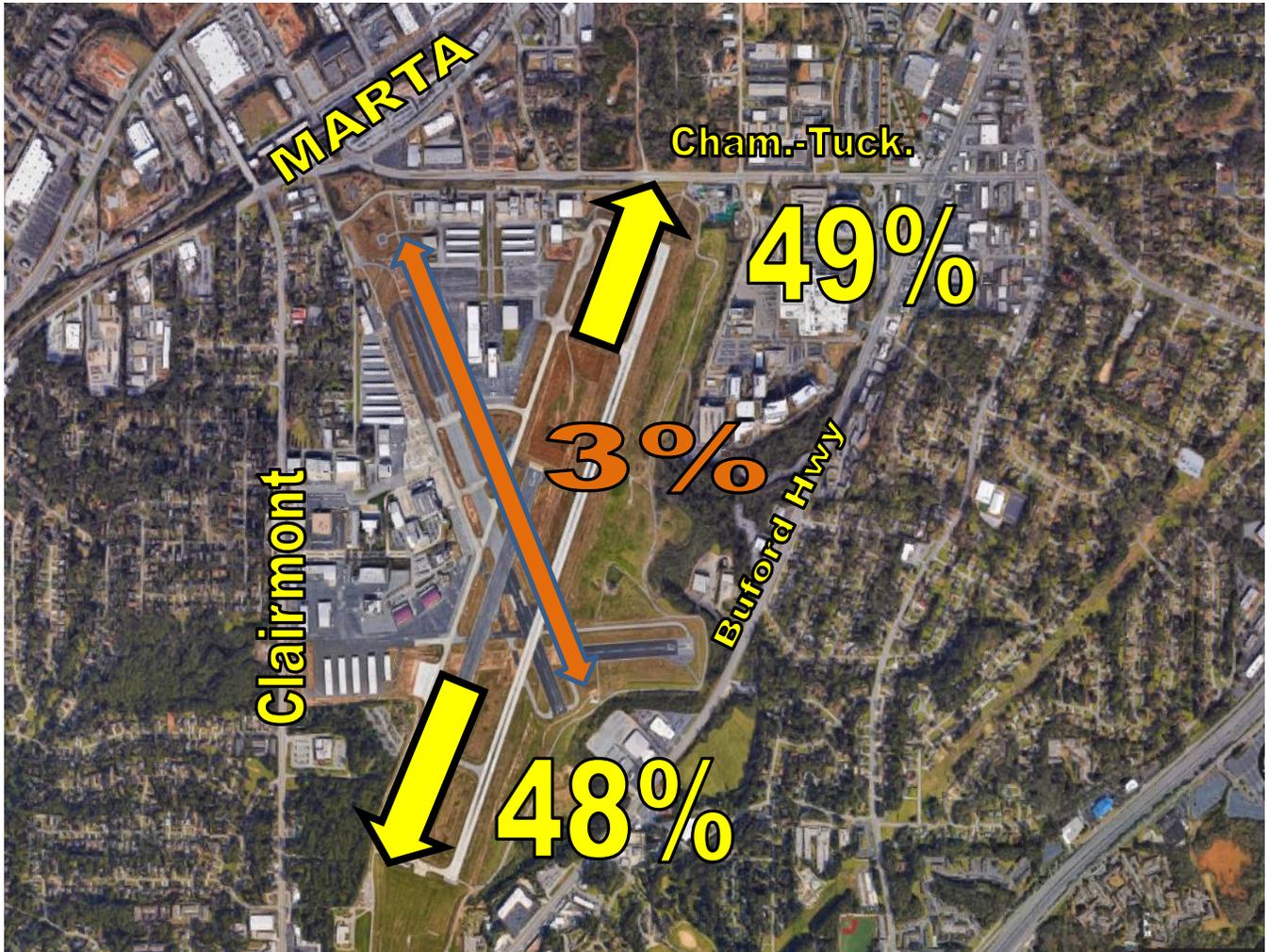


2020 Total Operations	2020 Total Operations as of May 2020	Total 2021 Ops as of May 2021
138,420	52,604	56,655 (7.70%)

2021 Operations by Month				
	Itinerant	Local	Total Tower-Recorded Operations	Voluntary Curfew
JAN	7,643	3,029	10,672	262
FEB	7,134	1,958	9,092	313
MAR	9,109	3,744	12,853	360
APR	10,803	1,115	11,918	413
MAY	10,710	1,410	12,120	460
JUN				
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				

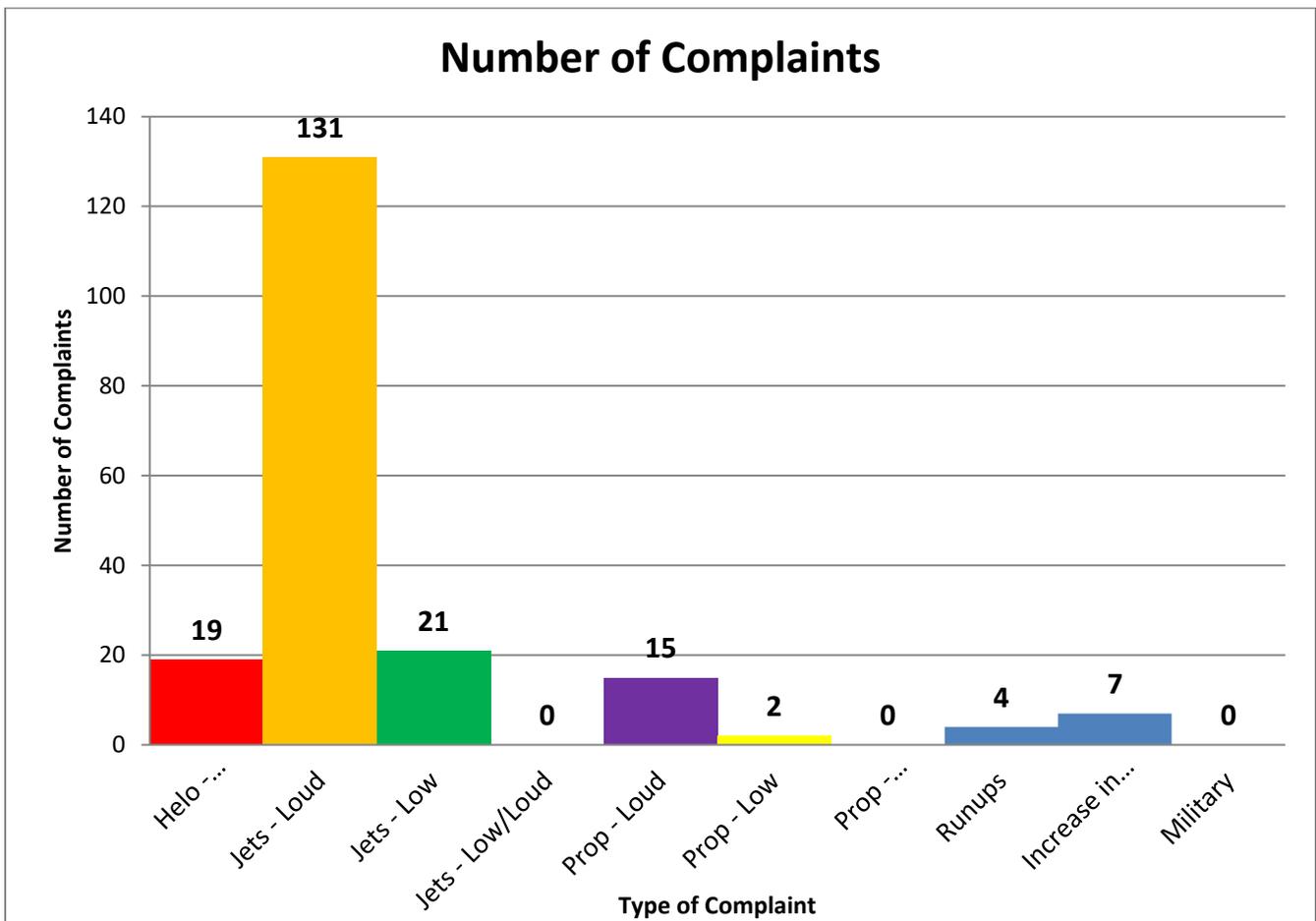
Runway Mode of Operations – May 2021

Directional use of runways has a major effect on flight patterns and the areas affected by flight operations. Weather and wind direction generally determines runway selection. When the tower is open, the FAA Air Traffic Control Tower determines the directional use of the runways. When possible, the tower will try to keep operations on a northbound flow (takeoffs and landings to the north) for noise abatement.

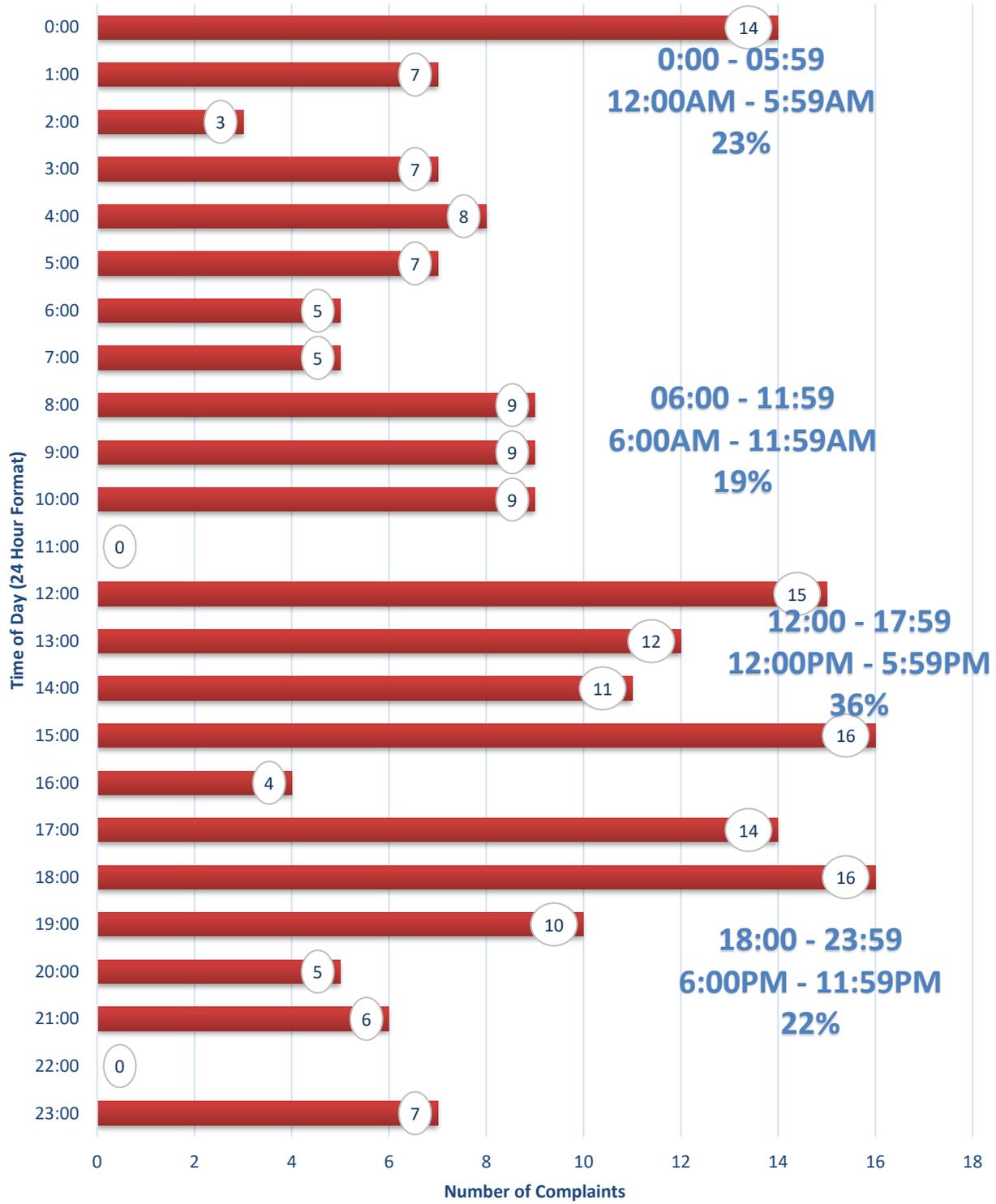


Noise Disturbance Summary

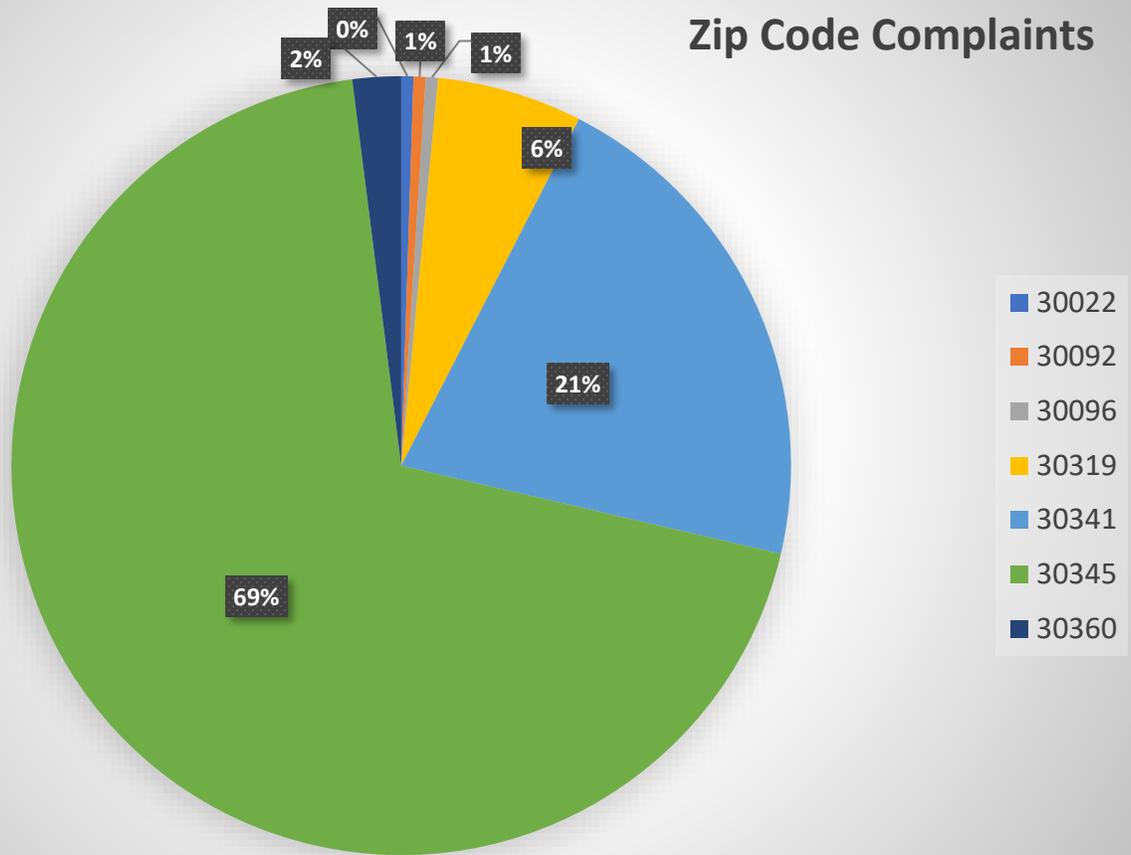
Total complaints for May 2021	Monthly Complaint Average 2021	May 2021 Complaints per Household <i>(minus top two/Households)</i>	May 2021 Complaints per Household <i>All Inclusive</i>
199	173	6.7	10.4



Number of Complaints by Hour



Zip Code Complaints

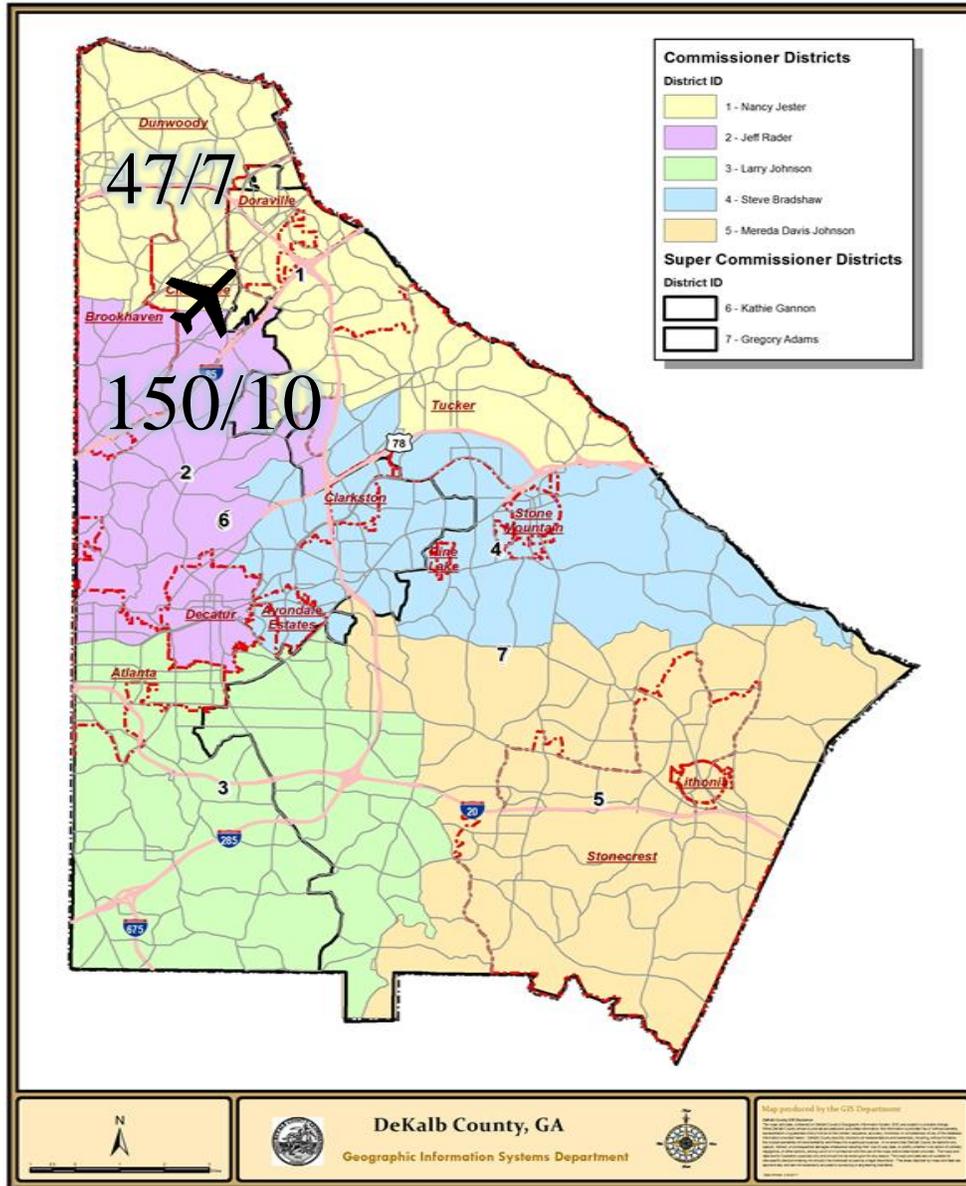


Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	6%
30341	Chamblee - North	21%
30345	Chamblee - South	69%
30360	Atlanta	2%
30096	Duluth	1%
30022	Doraville	<1%
30092	Peachtree Corners	1%

Complaints by Caller

Name	Address	Location	Zip Code	Complaints
Dutro	1641 Council Bluff Dr NE	Atlanta	30345	46
Anon-1	LaVenture Forest	Atlanta	30341	34
Figueroa	2718 Eaton Pl	Atlanta	30341	1
Fox	2423 Woodacres Rd NE	Atlanta	30345	18
Hill	2014 Dering Cir NE	Atlanta	30345	38
Ledford	3811 Harts Mill Ln	Atlanta	30319	6
Lennon	1802 Tobey Road	Atlanta	30341	1
Mosler	1918 Gregory Run NE	Atlanta	30345	28
Nagel	3905 Winters Hill Dr	Atlanta	30360	4
Needle	2586 Warwick Cir NE	Atlanta	30345	1
Rogers	2653 Warwick Cir NE	Atlanta	30345	7
Schneeberg	2707 Ashford Rd, NE	Atlanta	30319	4
Yates	1895 9th St	Atlanta	30341	5
Coggia	1753 Wayland Cir NE	Brookhaven	30319	1
Gokce	1955 Fairway Cir NE	Brookhaven	30319	1
Moots	4340 Hammerstone Ct	Peachtree Corners	30092	1
Poole	2605 N Berkeley Lake Rd NW	Duluth	30096	1
Penn	3039 Skyland Dr NE	Chamblee	30341	1
Barcelona Jr	3420 Merganser Ln	Alpharetta	30022	1

Complaints per Commission District



Total Number of Complaints

197/17

Total Number of Complainants

There were 2 complainant(s) outside of DeKalb County with 2 complaint(s) total.

There were 0 complainant(s) with an unknown address with 0 complaint(s) total

Correlation Chart of Noise Complaints to Operations

Chart Legend:

-  = Complaint + high noise event
-  = Complaint + high noise + PDK curfew operation
-  = Complaint + PDK curfew operation

The airport correlated **199 (100%)** out of **199** complaints:

- **195 or 98.0%** of the noise complaints were found to be **Direct** correlations
- **4 or 2.0%** were **Indirect** correlations to operations
- **0 or 0.0%** were **Not Correlated**.

- **Direct** = *Linked to a specific flight operation to/from PDK over a house/monitor (NOMS or manual correlation).*
- **Indirect** = **Not linked to a specific flight operation** (take-off thrust, reverse thrust; maintenance run-ups) **OR** flight operation **not originating or terminating at PDK**.
- **Not correlated** = *There was no noise event and/or aircraft track based on either NOMS correlation or manual research.*

Definitions:

NOMS: Noise and Operations Monitoring System

Op Type: Operation; Approach, Departure, or Overflight

Name: Name of Complainant

Offense Start: Date/Time of offense to complainant

Flight ID: Tail number of aircraft or military call sign

Flight Time: Actual Date/Time of correlated offense

NMS: Noise Monitoring Station

Rwy: Runway

LMAX: Maximum A-weighted sound level for a given event

Please contact: *Korey Barnes, Airport Noise and Environmental Analyst*, for more information regarding the PDK Good Neighbor Program at (770) 936-5440 or kbarnes@dekalbcountyga.gov.

PDK maintains a **hotline** that permits residents to report noise concerns by dialing: **(770) 936-5442** or e-mailing: pdknoise@dekalbcountyga.gov

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Anon-1	5/1/2021 0:16	5/1/2021 0:22	03R	A	UNKN	N9522L		
Anon-1	5/1/2021 3:09	5/1/2021 3:04	21L	D	C208	N414CY	NMS03	75.6
Anon-1	5/1/2021 5:32	5/1/2021 5:38	21L	A	LJ60	N875CA		
Mosler	5/2/2021 0:27	5/2/2021 0:32	03L	A	UNKN	N407LS		
Fox	5/2/2021 3:09	5/2/2021 3:04	21L	D	C208	N414CY		
Schneeberg	5/2/2021 8:47	5/2/2021 8:37	UNK	O	UNKN	N608HR		
Fox	5/2/2021 12:25	5/2/2021 12:10	21L	D	C525	N525BW		
Yates	5/2/2021 18:37	5/2/2021 18:38	21L	A	PC12	CNS1022		
Barcelona Jr	5/2/2021 19:36	5/2/2021 19:31	21L	A	C560	N953F		
Yates	5/2/2021 20:58	5/2/2021 20:45	21L	A	UNKN	EJA627		
Anon-1	5/3/2021 2:37	5/3/2021 2:31	21L	D	C560	N777WY	NMS03	78.2
Anon-1	5/4/2021 1:39	5/4/2021 1:31	21L	D	LJ35	RAX131	NMS03	72.7
Figueroa	5/4/2021 12:57	5/4/2021 12:49	UNK	O	UNKN	UNKNOWN		
Anon-1	5/4/2021 12:58	5/4/2021 13:02	21L	A	UNKN	EJA327		
Gokce	5/4/2021 17:15	5/4/2021 17:16	21L	D	FA50	N990MM		
Anon-1	5/5/2021 5:26	5/5/2021 5:15	21L	D	C650	N841MS	NMS03	76.4
Mosler	5/5/2021 9:52	5/5/2021 9:41	21L	D	BE40	N401RL		
Nagel	5/5/2021 14:38	5/5/2021 14:42	21L	A	BE20	CTE585		
Anon-1	5/6/2021 0:04	5/6/2021 0:16	03R	A	AC50	CTL67		
Mosler	5/6/2021 10:41	5/6/2021 10:43	03R	A	GLF4	DCM4212		
Mosler	5/6/2021 12:50	5/6/2021 12:56	03R	A	GLF4	N444QC		
Fox	5/6/2021 20:58	5/6/2021 21:04	03R	A	UNKN	N1080H		
Mosler	5/7/2021 0:02	5/7/2021 0:11	03R	A	PC12	N539PE		
Anon-1	5/7/2021 0:13	5/7/2021 0:11	03R	A	PC12	N539PE	NMS03	70.3
Mosler	5/7/2021 0:18	5/7/2021 0:20	03R	A	AC50	CTL67		
Mosler	5/7/2021 0:42	5/7/2021 0:38	UNK	D	UNKN	N355AE		
Mosler	5/7/2021 0:54	5/7/2021 0:38	UNK	D	UNKN	N355AE		
Mosler	5/7/2021 1:12	5/7/2021 1:11	26L	A	B752	UNKNOWN		
Anon-1	5/7/2021 4:10	5/7/2021 4:11	21L	A	LJ60	FTD503	NMS03	72.4
Anon-1	5/7/2021 4:24	5/7/2021 4:30	21L	A	C650	N841MS	NMS03	72.4
Anon-1	5/8/2021 0:18	5/8/2021 0:15	UNK	D	UNKN	N184SF		

Anon-1	5/8/2021 0:22	5/8/2021 0:24	03R	A	AC50	CTL67		
Rogers	5/8/2021 3:08	5/8/2021 3:06	21L	D	GL5T	N247WE	NMS03	81.3
Anon-1	5/8/2021 4:20	5/8/2021 4:38	21L	A	AEST	CSJ52		
Anon-1	5/8/2021 4:24	5/8/2021 4:38	21L	A	AEST	CSJ52		
Anon-1	5/8/2021 4:27	5/8/2021 4:17	21L	D	C560	N860CR	NMS03	82.5
Rogers	5/8/2021 4:28	5/8/2021 4:17	21L	D	C560	N860CR	NMS03	82.5
Moots	5/8/2021 4:45	5/8/2021 5:05	21L	A	C560	N577XW		
Fox	5/8/2021 5:25	5/8/2021 5:16	21L	D	AEST	CSJ52		
Fox	5/8/2021 5:35	5/8/2021 5:27	21L	D	UNKN	N885GT		
Fox	5/8/2021 7:17	5/8/2021 7:02	21L	D	PC12	CNS7		
Anon-1	5/9/2021 3:02	5/9/2021 3:07	21L	A	WW24	N27TZ		
Ledford	5/9/2021 15:03	5/9/2021 15:19	21L	A	UNKN	N161GT		
Nagel	5/10/2021 12:12	5/10/2021 12:18	21L	A	UNKN	N424SK		
Nagel	5/10/2021 12:21	5/10/2021 12:29	21L	A	SR22	N717EG		
Rogers	5/11/2021 1:00	5/11/2021 0:55	21L	D	BE9L	N377P		
Rogers	5/11/2021 1:01	5/11/2021 0:55	21L	D	BE9L	N377P		
Fox	5/11/2021 5:03	5/11/2021 4:57	21L	D	C525	N525JW		
Anon-1	5/12/2021 23:45	5/12/2021 23:43	03R	D	UNKN	N918EG		
Ledford	5/13/2021 14:23	5/13/2021 14:24	03R	A	UNKN	N3126W		
Ledford	5/15/2021 13:31	5/15/2021 13:24	21L	D	UNKN	N178AF		
Ledford	5/15/2021 13:50	5/15/2021 14:02	21L	A	UNKN	N78JM		
Anon-1	5/15/2021 15:35	5/15/2021 15:41	21L	T	UNKN	N258SB		
Mosler	5/16/2021 0:01	5/16/2021 0:19	21L	A	CL35	LXJ593		
Fox	5/16/2021 5:24	5/16/2021 5:27	03R	A	BE9L	N329GS		
Yates	5/16/2021 14:13	5/16/2021 14:12	21L	A	C68A	EJA514		
Anon-1	5/16/2021 17:23	5/16/2021 17:12	21L	D	UNKN	N901DC		
Fox	5/16/2021 21:08	5/16/2021 21:00	21L	D	BE58	N661WL		
Anon-1	5/17/2021 3:47	5/17/2021 3:38	21L	D	WW24	N27TZ	NMS03	82.2

Fox	5/17/2021 6:07	5/17/2021 5:58	26L	A	B763	UNKNOWN		
Ledford	5/17/2021 18:27	5/17/2021 18:30	21L	A	UNKN	N81771		
Lennon	5/17/2021 19:05	5/17/2021 19:05	21L	D	UNKN	N428JD		
Dutro	5/18/2021 13:26	5/18/2021 13:27	03R	A	E545	LXJ417		
Schneeberg	5/18/2021 18:28	5/18/2021 18:10	UNK	O	UNKN	N1958C		
Mosler	5/18/2021 19:55	5/18/2021 19:55	03R	A	ASTR	N207BC		
Mosler	5/18/2021 20:24	5/18/2021 20:28	03R	A	GA5C	N500GU		
Anon-1	5/19/2021 7:51	5/19/2021 7:58	21L	A	J328	UJC560		
Anon-1	5/19/2021 8:07	5/19/2021 7:48	21R	D	UNKN	N98PC		
Mosler	5/19/2021 8:26	5/19/2021 8:31	03R	A	C680	N927AC		
Dutro	5/19/2021 8:56	5/19/2021 9:02	03R	A	H25B	ECJ80		
Dutro	5/19/2021 10:20	5/19/2021 10:25	03R	A	GLF4	XGN290		
Hill	5/19/2021 13:15	5/19/2021 13:13	21L	D	H25B	JTL58		
Hill	5/19/2021 15:31	5/19/2021 15:29	21L	D	E55P	N423N		
Hill	5/19/2021 15:47	5/19/2021 15:42	21L	D	CL60	N469ED		
Hill	5/19/2021 15:53	5/19/2021 15:35	21L	D	C525	N210MB		
Dutro	5/19/2021 18:54	5/19/2021 18:49	21L	D	E545	LXJ426		
Yates	5/19/2021 21:19	5/19/2021 21:19	21L	D	UNKN	N7784G		
Mosler	5/19/2021 21:42	5/19/2021 21:37	21L	D	BE40	N800SD		
Fox	5/20/2021 6:07	5/20/2021 6:04	16	D	UNKN	N2AQ		
Fox	5/20/2021 6:14	5/20/2021 6:01	21L	D	P28R	N7545J		
Fox	5/20/2021 6:20	5/20/2021 6:20	21L	D	B350	N169KA		
Mosler	5/20/2021 7:18	5/20/2021 7:21	03R	A	GLF4	N958BX		

Mosler	5/20/2021 7:42	5/20/2021 7:47	03R	A	C560	N469ES		
Mosler	5/20/2021 10:23	5/20/2021 10:25	03R	A	CL35	LXJ583		
Mosler	5/20/2021 10:27	5/20/2021 10:31	03R	A	C525	N507HP		
Mosler	5/20/2021 10:46	5/20/2021 10:51	03R	A	E55P	EJA434		
Rogers	5/20/2021 10:47	5/20/2021 10:51	03R	A	E55P	EJA434		
Rogers	5/20/2021 12:25	5/20/2021 12:51	03R	A	CL30	FWK945		
Rogers	5/20/2021 12:35	5/20/2021 12:39	03R	A	UNKN	N640MY		
Mosler	5/20/2021 17:04	5/20/2021 17:09	03R	A	GL5T	EJA104		
Dutro	5/20/2021 18:01	5/20/2021 17:53	UNK	D	CL30	N325WJ		
Dutro	5/20/2021 18:05	5/20/2021 18:10	03R	A	GLF4	N5GF		
Mosler	5/20/2021 18:06	5/20/2021 18:10	03R	A	GLF4	N5GF		
Mosler	5/20/2021 18:14	5/20/2021 18:20	03R	A	GLF6	N922H		
Dutro	5/20/2021 18:15	5/20/2021 18:22	03R	T	C56X	PWA4		
Mosler	5/20/2021 18:16	5/20/2021 18:22	03R	T	C56X	PWA4		
Dutro	5/20/2021 18:21	5/20/2021 18:14	UNK	O	BE40	N432MA		
Dutro	5/20/2021 18:57	5/20/2021 19:00	03R	A	C25B	DCM4289		
Dutro	5/20/2021 18:59	5/20/2021 19:03	03R	A	E545	LXJ422		
Dutro	5/20/2021 19:01	5/20/2021 19:03	03R	A	E545	LXJ422		
Dutro	5/20/2021 19:04	5/20/2021 19:07	03R	A	C56X	N735XL		
Dutro	5/21/2021 10:58	5/21/2021 11:00	03R	A	GLF4	N444QC		
Dutro	5/21/2021 13:11	5/21/2021 13:32	03R	A	C750	TWY17		
Schneeberg	5/21/2021 16:00	5/21/2021 15:58	UNK	D	UNKN	N5QV		
Mosler	5/21/2021 17:23	5/21/2021 17:27	03R	A	BE20	CTE585		

Dutro	5/21/2021 17:29	5/21/2021 17:42	03R	T	GLF4	LXJ455		
Dutro	5/21/2021 17:31	5/21/2021 17:42	03R	T	GLF4	LXJ455		
Dutro	5/21/2021 17:41	5/21/2021 17:42	03R	A	UNKN	JTL521		
Dutro	5/21/2021 17:55	5/21/2021 17:58	03R	A	BE20	N1926A		
Dutro	5/21/2021 18:10	5/21/2021 18:14	03R	A	GLF4	N444QC		
Dutro	5/21/2021 20:31	5/21/2021 20:39	03R	A	UNKN	N9522L		
Mosler	5/21/2021 23:57	5/21/2021 23:49	03R	D	PAY1	N914AS		
Mosler	5/22/2021 5:23	5/22/2021 5:29	03L	A	UNKN	N457MT		
Fox	5/22/2021 6:25	5/22/2021 6:10	21L	D	UNKN	N6919J		
Hill	5/22/2021 8:30	5/22/2021 8:29	21L	D	BE40	JTL480		
Hill	5/22/2021 8:34	5/22/2021 8:29	21L	D	BE40	JTL480		
Hill	5/22/2021 8:43	5/22/2021 8:24	UNK	D	UNKN	N178AF		
Poole	5/22/2021 9:05	5/22/2021 8:42	21L	D	UNKN	N84400		
Hill	5/22/2021 9:18	5/22/2021 9:09	21L	D	F900	N888ZA		
Hill	5/22/2021 9:23	5/22/2021 9:25	21L	D	GLF4	N1TM		
Hill	5/22/2021 9:25	5/22/2021 9:25	21L	D	GLF4	N1TM		
Hill	5/22/2021 9:26	5/22/2021 9:26	21L	D	EA50	N500ZH		
Hill	5/22/2021 9:33	5/22/2021 9:27	21L	D	GLEX	N683GA		
Dutro	5/22/2021 9:58	5/22/2021 9:50	21L	D	CL35	N31TF		
Hill	5/22/2021 14:50	5/22/2021 14:51	21L	D	GALX	N868SC		
Hill	5/22/2021 15:04	5/22/2021 15:03	21L	D	GLF4	EDG58		
Hill	5/22/2021 15:16	5/22/2021 15:12	21L	D	C525	N430JF		
Hill	5/22/2021 16:19	5/22/2021 16:19	21L	D	GLF4	N401JS		

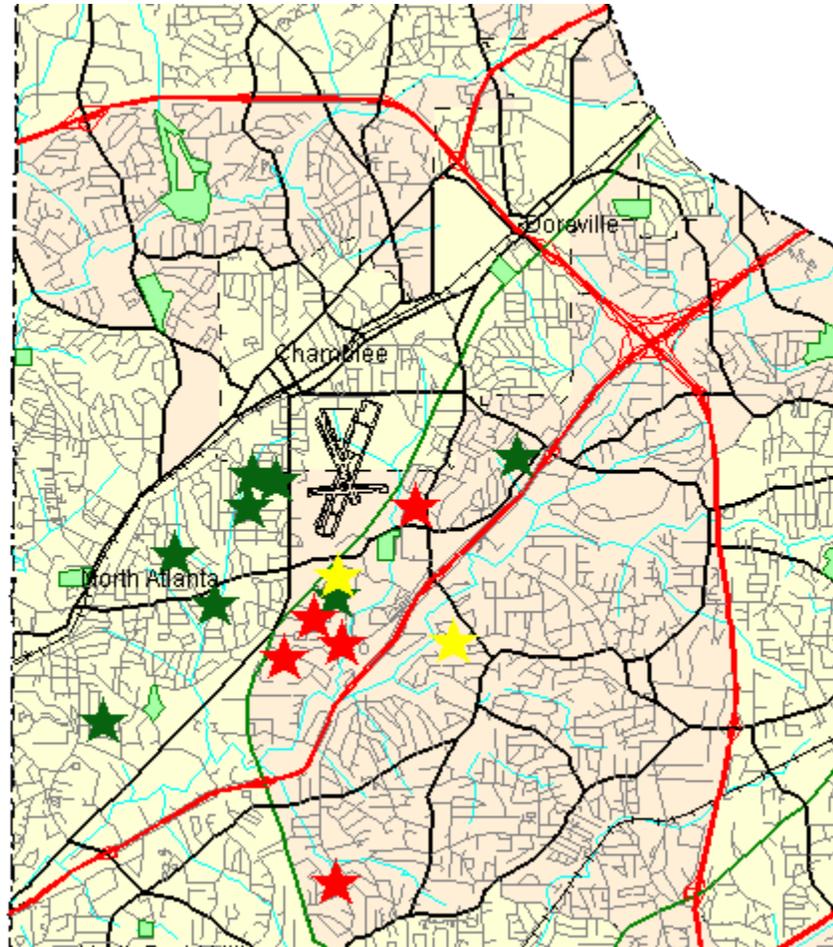
Mosler	5/23/2021 1:19	5/23/2021 1:20	03L	A	UNKN	N445CH		
Dutro	5/23/2021 13:40	5/23/2021 13:45	03R	A	UNKN	N207ST		
Dutro	5/23/2021 13:47	5/23/2021 13:45	03R	A	UNKN	N207ST		
Dutro	5/23/2021 13:55	5/23/2021 14:00	03R	A	C56X	N837JS		
Dutro	5/23/2021 14:49	5/23/2021 15:00	03R	A	CL30	FWK945		
Dutro	5/23/2021 15:04	5/23/2021 15:13	03R	T	E55P	LXJ348		
Dutro	5/23/2021 15:21	5/23/2021 15:25	03R	A	BE40	JTL345		
Dutro	5/23/2021 15:31	5/23/2021 15:35	03R	A	E55P	N68TJ		
Dutro	5/23/2021 15:39	5/23/2021 15:43	03R	A	BE10	N24EM		
Dutro	5/23/2021 16:45	5/23/2021 16:46	UNK	A	UNKN	LXJ408		
Ledford	5/23/2021 17:07	5/23/2021 17:07	03R	A	UNKN	N94AD		
Mosler	5/24/2021 0:29	5/24/2021 0:30	03R	A	GLF5	N446VG		
Dutro	5/24/2021 15:51	5/24/2021 15:55	03R	A	BE9L	N329GS		
Dutro	5/24/2021 15:59	5/24/2021 16:05	03R	A	C441	N441LS		
Dutro	5/24/2021 18:34	5/24/2021 18:40	03R	A	HDJT	N120GE		
Anon-1	5/25/2021 3:03	5/25/2021 2:59	21L	D	PC12	SKQ31	NMS03	69
Dutro	5/25/2021 8:06	5/25/2021 8:12	03R	A	LJ60	N711SE		
Anon-1	5/25/2021 23:27	5/25/2021 23:27	21L	A	CL30	N773RC		
Anon-1	5/25/2021 23:54	5/25/2021 23:59	21L	A	SF50	N626HH		
Anon-1	5/25/2021 23:57	5/25/2021 23:59	21L	A	SF50	N626HH		
Dutro	5/26/2021 10:29	5/26/2021 10:31	UNK	A	CL35	EJA741		
Hill	5/26/2021 12:56	5/26/2021 12:55	21L	D	GLF4	DCM4212		
Hill	5/26/2021 13:16	5/26/2021 13:16	21L	D	C68A	EJA535		

Yates	5/26/2021 17:24	5/26/2021 17:22	21R	A	UNKN	N704RB		
Anon-1	5/27/2021 0:06	5/27/2021 0:05	21L	D	C525	N525JW	NMS03	74.5
Anon-1	5/27/2021 1:04	5/27/2021 1:04	21L	D	C560	N469ES	NMS03	77
Anon-1	5/27/2021 3:21	5/27/2021 3:20	21L	D	C208	N414CY	NMS03	73.4
Fox	5/27/2021 4:01	5/27/2021 3:53	26L	A	MD11	UNKNOWN		
Dutro	5/27/2021 7:56	5/27/2021 7:53	03R	A	BE58	FNX1652		
Dutro	5/27/2021 8:40	5/27/2021 8:41	03R	A	C56X	GAI583		
Nagel	5/27/2021 14:37	5/27/2021 14:39	21L	A	PC12	N56JW		
Schneeberg	5/27/2021 17:38	5/27/2021 17:38	21R	D	UNKN	N73924		
Anon-1	5/28/2021 0:53	5/28/2021 0:53	16	D	AC50	CTL67	NMS03	74.9
Anon-1	5/28/2021 1:15	5/28/2021 1:16	UNK	A	UNKN	N523CT		
Hill	5/28/2021 12:55	5/28/2021 12:53	21L	D	C525	N210MB		
Hill	5/28/2021 13:02	5/28/2021 13:01	21L	D	E55P	EJA416		
Hill	5/28/2021 13:03	5/28/2021 13:03	21L	D	C56X	N654PD		
Hill	5/28/2021 15:16	5/28/2021 15:12	21L	D	C700	N75RA		
Dutro	5/28/2021 19:42	5/28/2021 19:41	21L	D	ASTR	N321AJ		
Fox	5/28/2021 23:28	5/28/2021 23:25	21L	D	H25B	N58BL		
Hill	5/29/2021 9:57	5/29/2021 9:55	21L	D	CL35	EJA753		
Hill	5/29/2021 10:43	5/29/2021 10:45	21L	D	HDJT	JIT45		
Anon-1	5/29/2021 12:20	5/29/2021 11:55	21L	D	UNKN	N6711G	NMS03	75
Hill	5/29/2021 12:37	5/29/2021 12:37	21L	D	FA20	N81P		
Hill	5/29/2021 12:52	5/29/2021 12:51	21L	D	C68A	EJA523		
Hill	5/29/2021 12:57	5/29/2021 12:57	21L	D	FA50	N136MV		

Dutro	5/29/2021 17:01	5/29/2021 17:03	UNK	A	C560	N778JS		
Dutro	5/29/2021 17:20	5/29/2021 17:21	03R	A	E55P	EJA418		
Dutro	5/29/2021 20:57	5/29/2021 20:58	03R	A	C525	DCM5874		
Fox	5/30/2021 2:45	5/30/2021 2:46	03L	A	C208	N208LS		
Dutro	5/30/2021 13:36	5/30/2021 13:37	03R	A	E545	LXJ408		
Dutro	5/30/2021 14:04	5/30/2021 14:05	03R	A	FA50	N50HN		
Dutro	5/30/2021 14:16	5/30/2021 14:17	03R	A	LJ35	USC101		
Dutro	5/30/2021 14:20	5/30/2021 14:21	03R	A	C25B	N16BG		
Anon-1	5/31/2021 2:56	5/31/2021 2:56	16	D	C208	N414CY		
Dutro	5/31/2021 12:21	5/31/2021 12:20	21L	D	C650	N787CV		
Hill	5/31/2021 14:35	5/31/2021 14:34	21L	D	FA50	DCM6759		
Hill	5/31/2021 14:41	5/31/2021 14:40	21L	D	PC12	N539PE		
Coggia	5/31/2021 15:19	5/31/2021 15:18	21L	D	FA50	N50HN		
Hill	5/31/2021 15:35	5/31/2021 15:35	21L	D	CL30	N26FE		
Hill	5/31/2021 16:42	5/31/2021 16:41	21L	D	C750	TWY17		
Hill	5/31/2021 17:38	5/31/2021 17:38	21L	D	C680	JTL630		
Hill	5/31/2021 18:53	5/31/2021 18:53	21L	D	H25B	N104RF		
Hill	5/31/2021 19:38	5/31/2021 19:16	21R	D	UNKN	N885GT		
Hill	5/31/2021 19:53	5/31/2021 19:52	21L	D	GLF5	N942JT		
Hill	5/31/2021 19:57	5/31/2021 19:57	21L	D	GLF4	HI1025		
Needle	5/31/2021 19:58	5/31/2021 19:57	21L	D	GLF4	HI1025	NMS03	81
Hill	5/31/2021 21:01	5/31/2021 21:01	21L	D	E35L	N728PH		
Hill	5/31/2021 21:47	5/31/2021 21:46	21L	D	F900	N167BD		

Fox	5/31/2021 21:47	5/31/2021 21:46	21L	D	F900	N167BD		
Penn	5/31/2021 23:08	5/31/2021 23:25	16	T	UNKN	N911UG		

Disturbance Location Pin Map – May 2021



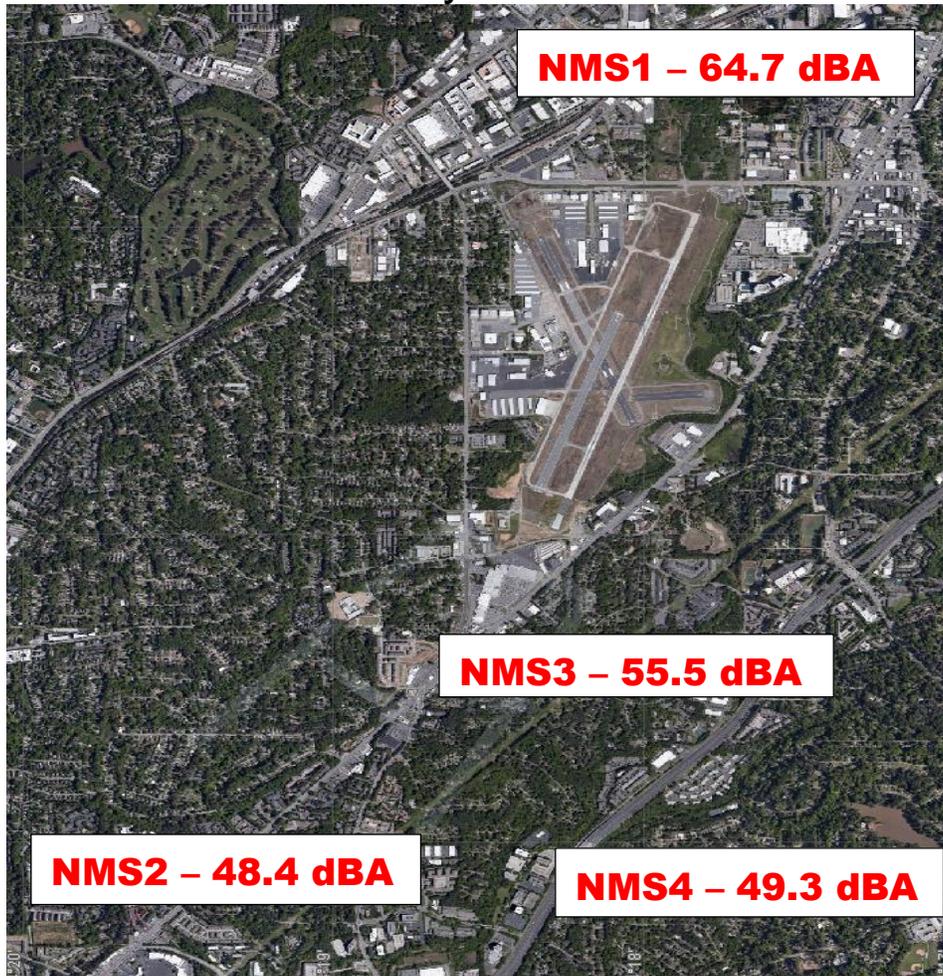
-  1-5 Complaints
-  6-10 Complaints
-  11+ Complaints

Complainants with Complaints Total

(2 Complainant(s) outside of DeKalb County; and 0 unknown)

Monthly Noise Levels at Monitors

May 2021



Noise Terminology

- *Decibels (dB) are the unit of measurement on the loudness scale. Decibels that a human can hear are called “A-weighted” or “dBA” on the sound frequency scale.*
- *The decibel scale is logarithmic, not linear. The smallest detectable change 1 dB; 3 dB for a human is readily detectable; 10 dB seems twice as loud.*
- *L_{max} – The maximum A-weighted sound level for a given event – the highest level registered on the scale or meter; is not related to the duration for the event.*
- *DNL – A 24-hour time-averaged sound exposure level. It is the noise metric of choice in aircraft sound level measurement. It is also used to define noise contours of equal exposure. All Federal agencies have adopted DNL (LDNA) as the metric for airport noise analysis. (Day Night Level) (Day Night Level A-weighted)*
- *Leq – The steady A-weighted sound level over any specified period. It is used to identify the average sound level over a given period of time.*

Voluntary Curfew Operations & Operators Summary/Letter Status

Operations Summary:

The airport identified a total of **458 (99.5%)** of the **460** operations during the voluntary curfew period (11PM-6AM) during the month of **May 2021**. Of the **458** identified operations, **249 (54.4%)** were classified as **medical transport (e.g., Med-Evac) or other critical flights**. These aircraft are identified in **red bold font** below.

- Out of the *identified* operations, **93 one-time** operations were conducted during this period.
- Out of the *identified* operations, **365 multi-time** operations were conducted during this period, (i.e., sum of all aircraft operations in which an aircraft flew more than once during the voluntary curfew).

Operators Identified / Multi-Use:

168 operators were identified using the airport during the voluntary curfew period (does not include unknown aircraft).

75 operators were identified using the airport during the voluntary curfew period for 2 or more times during the month.

31 multi-use operators were identified as Med-Evac and/or emergency flights.

Complaints received from operations conducted during the voluntary curfew period:

199 complaints were received during **May 2021**.

53 (27%) complaints were received for operations conducted during the voluntary curfew period (**including** those complaints that were found to be non-correlated or indirect).

This Month – May 2021 N#'s (Multi-Use):

40 Aircraft with 2 Operations (**N914AS**, N247WE, N420XX, USC101, N398AM, **CTE585**, N9686M, N706MT, N457MT, N382AM, N469ES, **N407LS**, N475TA, N9298S, N196AH, N41GX, N154JK, N6981H, **N542MT**, **N777WY**, N545HF, N2551U, N553BW, **N891AA**, N288SF, **N265CM**, **CTL68**, N125SB, **N608HF**, KFS23, N6149J, N9341S, N626HH, RAX131, **N332AM**, CSJ52, N349SB, N11JE, N446VG)

12 Aircraft with 3 Operations (N16BG, **N355AE**, **N485AE**, N27TZ, N885GT, **N63AE**, **N400WK**, N681GH, N184SF, DCM6007, N577LF, N119RP)

9 Aircraft with 4 Operations (N908CB, **N860CR**, N841MS, **EMD28**, **N895CR**, **N918EG**, N910U, N577XW, **CTL66**)

5 Aircraft with 5 Operations (N133PE, **N911UG**, **N151LN**, **N329SG**, **N423AE**)

1 Aircraft with 7 Operations (**N525JW**)

2 Aircraft with 8 Operations (**N208LS**, **SKQ43**)

1 Aircraft with 11 Operations (**N377P**)

1 Aircraft with 14 Operations (N103AV)

1 Aircraft with 16 Operations (**N445CH**)

1 Aircraft with 30 Operations (**SKQ31**)

1 Aircraft with 39 Operations (**CTL67**)

1 Aircraft with 48 Operations (**N414CY**)

Last Month – April 2021 N#'s (Multi-Use):

40 Aircraft with 2 Operations (**CTL314**, N6149J, **N550AJ**, N320GV, **N649AE**, **N325AM**, N9341S, **EMD28**, N5904A, N330NX, N628JW, **N151LN**, N81771, N154JK, N125SB, FWK913, RLI379, GRP19, **N553AE**, N430RR, EJA427, **N445CH**, N278EH, N4488H, **N63AE**, HPJ650, N208PC, N469ES, N864AM, N477GJ, **N914AS**, N140SB, **N927AM**, N174B, RAX123, **N519SF**, EJA543, **N525JW**, VTE611, **N377P**)

7 Aircraft with 3 Operations (**N48AE**, N61942, N605AG, FFL400, JLG533 FTD503, **N485AE**)

7 Aircraft with 4 Operations (N405TB, **N332AM**, **CTE585**, **SKQ43**, **CTL68**, **N309CJ**, N348AJ)

1 Aircraft with 5 Operations (**N895CR**)

2 Aircraft with 6 Operations (**N208LS**, **CTE816**)

1 Aircraft with 8 Operations (**N918EG**)

1 Aircraft with 10 Operations (**N329GS**)

1 Aircraft with 14 Operations (N6919J)

1 Aircraft with 17 Operations (N103AV)

1 Aircraft with 28 Operations (**SKQ31**)

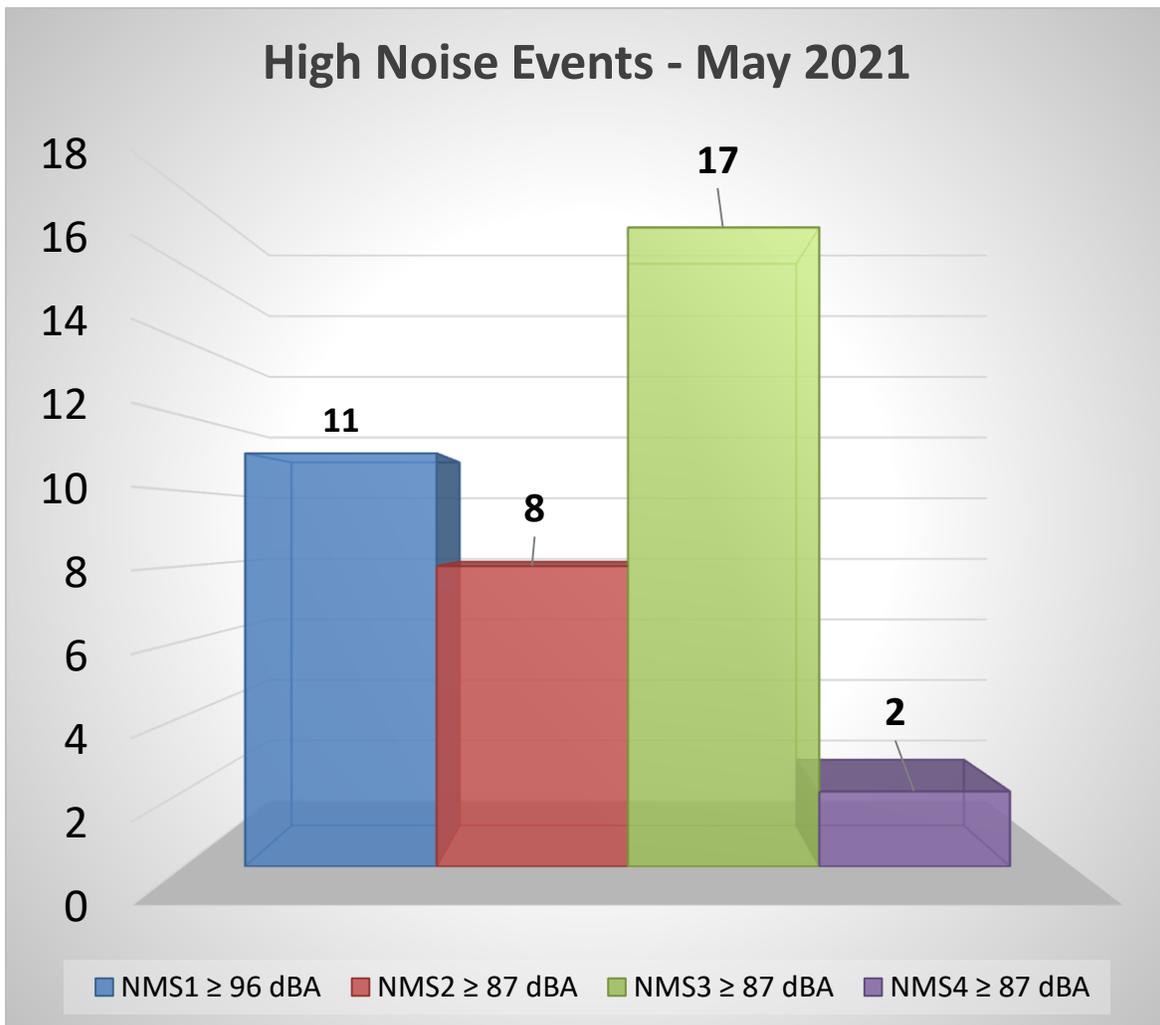
1 Aircraft with 44 Operations (**CTL67**)

1 Aircraft with 52 Operations (**N414CY**)

A total of **209** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **May** who were not identified as Med-Evac and/or other emergency flights.

High Noise Event Threshold

The high noise event threshold was developed to work with pilots in methods and techniques that could reduce aircraft noise levels in and around PDK and its residential areas. Noise Monitoring Station (NMS) 1 is located in a commercial district and is set at **96 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **87 dBA Lmax** or greater. A Total of **37** advisory letters were sent out this month for aircraft identified as Exceeding PDK's high noise event threshold.



May 2021

2 Aircraft with 2 or more High Noise Event
LXJ595, N500GF

April 2021

0 Aircraft with 2 or more High Noise Event

Comments/Concerns?

Please visit www.pdkairport.org for airport information. You May also contact the airport about noise concerns at pdknoise@dekalbcountyga.gov or call the noise hotline at (770) 936-5442.